

Annual Forecast of CVP Generation and Base Resource
May 2006 Through April 2007
Values at Load Center (Tracy Substation)

Water Year Type: [Wet](#)

Month	CVP Generation		Project Use		First Preference		Reg & Res	Purchases and Exchanges						Base Resource			Add'l CVP Capacity w/minimal Energy
	Maximum CVP Capacity (MW)	CVP Energy Generation (GWh)	Peak Project Use Demand (MW)	Project Use (PU) Load Energy (GWh)	First Pref. (FP) Peak Demand (MW)	First Pref. (FP) Load Energy (GWh)	Estimated Ancillary Services Capacity (MW)	PU Forward Purchase Off-Peak Energy (GWh)	PU & FP Capacity Purchase Reqmts. (MW)	PU & FP Energy Purchase Reqmts. (GWh)	CVP Corp Bank Energy for PU and FP (GWh)	Bank Return Energy to CVP Corp (GWh)	Ancillary Services Purchase Reqmt. (MW)	Project Capacity Available for BR (MW)	Energy Available for Base Resource (GWh)	Capacity Factor (%)	
Column	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
May-06	1,835.0	1,040.0	130.0	90.0	31.1	13.3	199.0	0.0	0.0	0.0	0.0	0.0	0.0	1,474.9	936.7	85.4	0
Jun-06	1,860.0	860.0	195.0	135.0	31.1	13.9	199.0	0.0	0.0	0.0	0.0	0.0	0.0	1,434.9	711.1	68.8	0
Jul-06	1,915.0	820.0	220.0	150.0	38.0	18.4	199.0	0.0	0.0	0.0	0.0	0.0	0.0	1,458.0	651.6	60.1	0
Aug-06	1,870.0	660.0	200.0	135.0	39.1	17.3	199.0	0.0	0.0	0.0	0.0	0.0	0.0	1,431.9	507.7	47.7	0
Sep-06	1,585.0	510.0	145.0	105.0	39.8	16.9	199.0	0.0	0.0	0.0	0.0	0.0	0.0	1,201.2	388.1	44.9	0
Oct-06	1,030.0	350.0	200.0	140.0	27.0	12.4	199.0	16.4	0.0	0.0	0.0	0.0	0.0	604.0	214.0	47.6	0
Nov-06	1,035.0	330.0	195.0	145.0	25.7	13.8	199.0	16.0	0.0	0.0	0.0	0.0	0.0	615.3	187.2	42.3	0
Dec-06	1,025.0	310.0	195.0	165.0	22.8	12.8	199.0	17.2	0.0	0.0	0.0	0.0	0.0	608.2	149.4	33.0	0
Jan-07	1,305.0	310.0	150.0	150.0	21.9	12.5	199.0	16.4	0.0	0.0	0.0	0.0	0.0	934.1	163.9	23.6	0
Feb-07	1,200.0	350.0	155.0	100.0	21.4	11.2	199.0	14.4	0.0	0.0	0.0	0.0	0.0	824.6	253.2	45.7	0
Mar-07	1,220.0	390.0	150.0	135.0	23.0	12.0	199.0	15.6	0.0	0.0	0.0	0.0	0.0	848.0	258.6	41.0	0
Apr-07	1,250.0	425.0	155.0	140.0	20.3	11.3	199.0	0.0	0.0	0.0	0.0	0.0	0.0	875.7	273.7	43.4	0
Total		6,355.0		1,590.0		165.8		96.0		0.0	0.0	0.0			4,695.2		

- Notes:
- For the AS (Column G), it was assumed that Western's total operating reserve obligation to be equal to the sum of spinning reserve of 139 MW and regulation of 60 MW.
 - An average of 1.81 % losses would be assessed on both capacity and energy between generation and load.
 - Column Q denotes capacity at CVP plants with minimal energy, which is potentially useful for reserves but has been deemed unschedulable for Base Resource purposes.